World Tb Day

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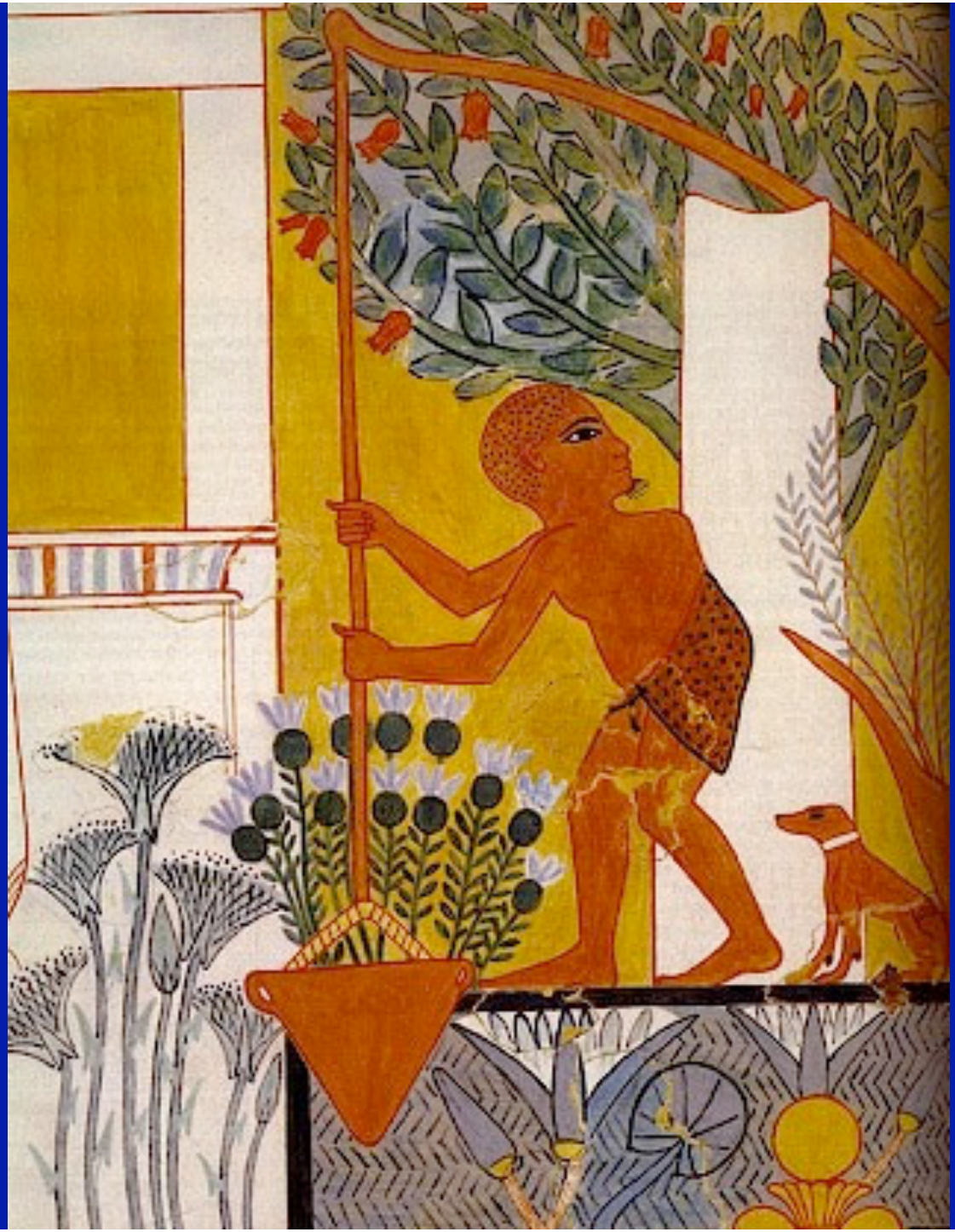
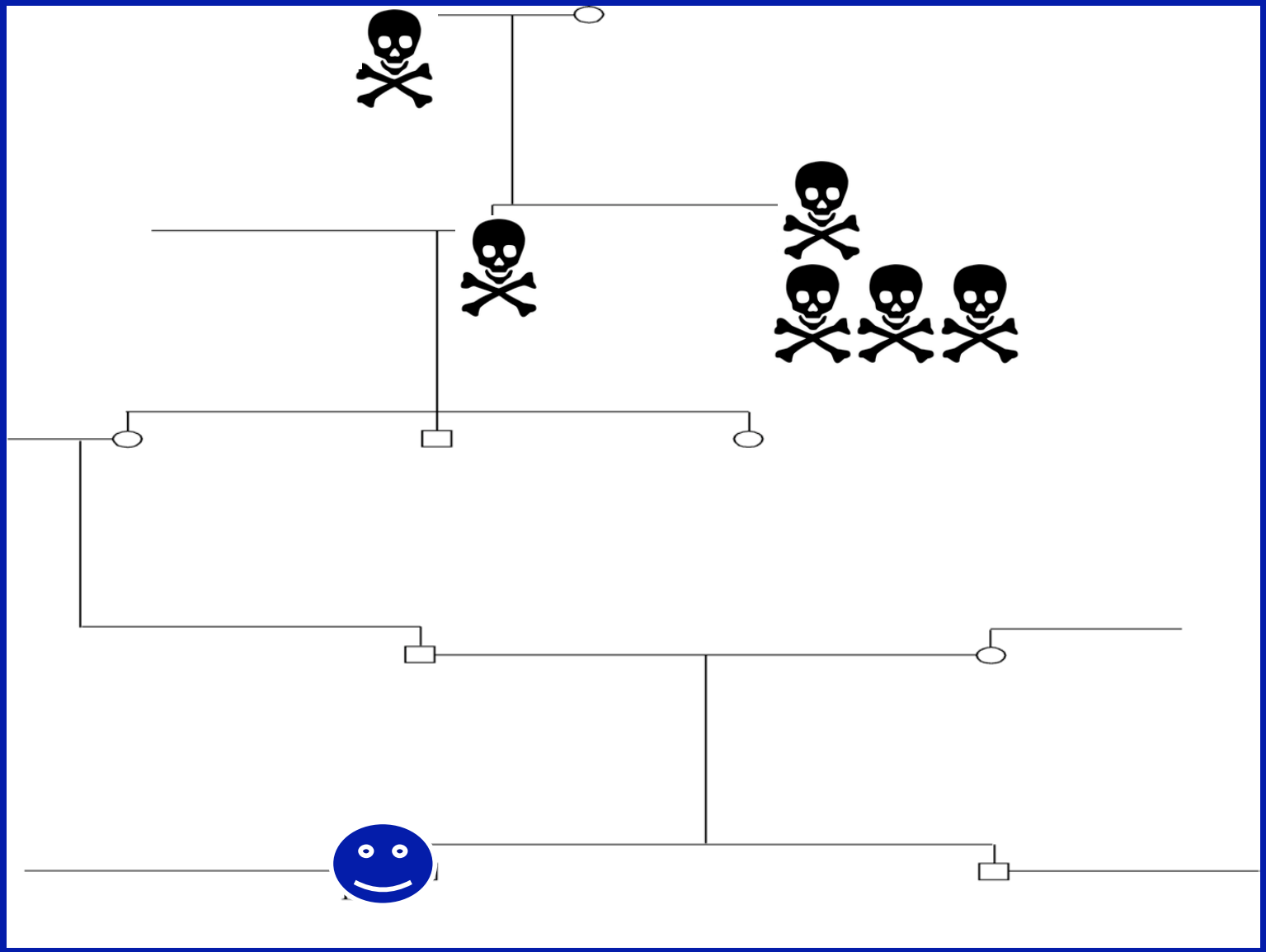
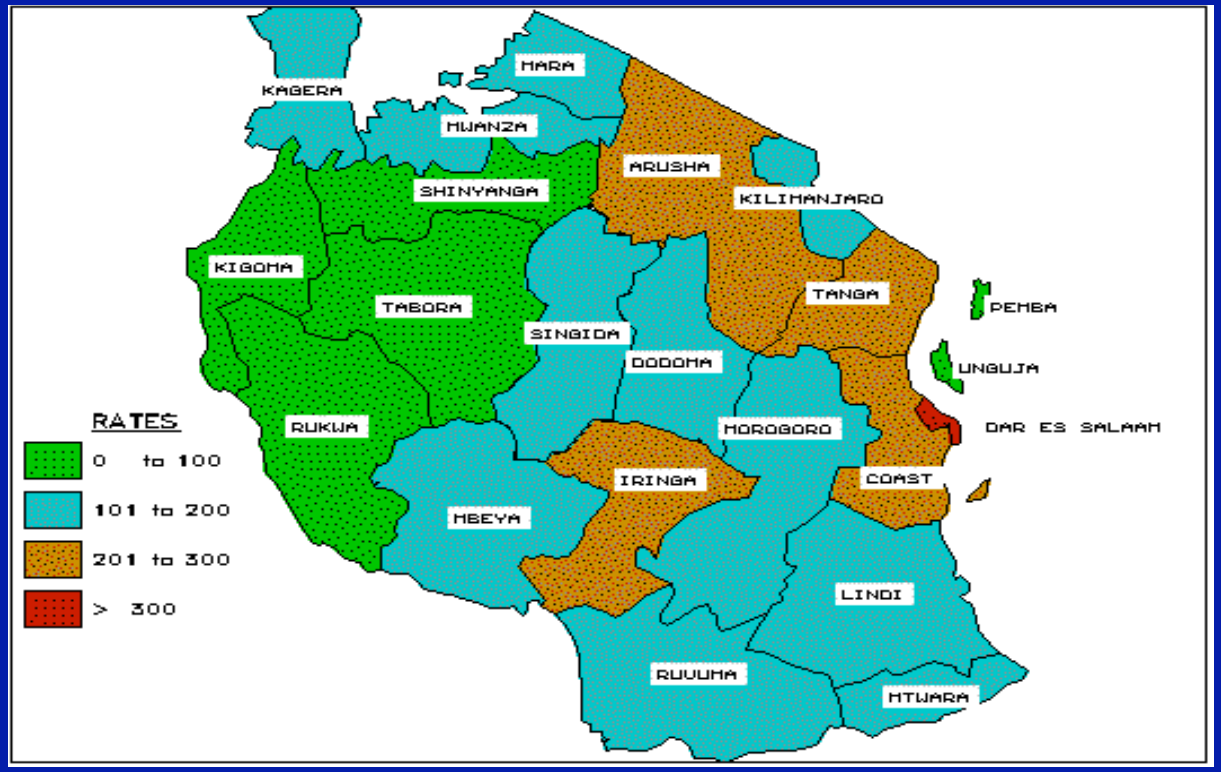
- Egypt 2000BC





Tb in Tanzania

- BCG in infants
- No TST
- Regional Tb incidence differences

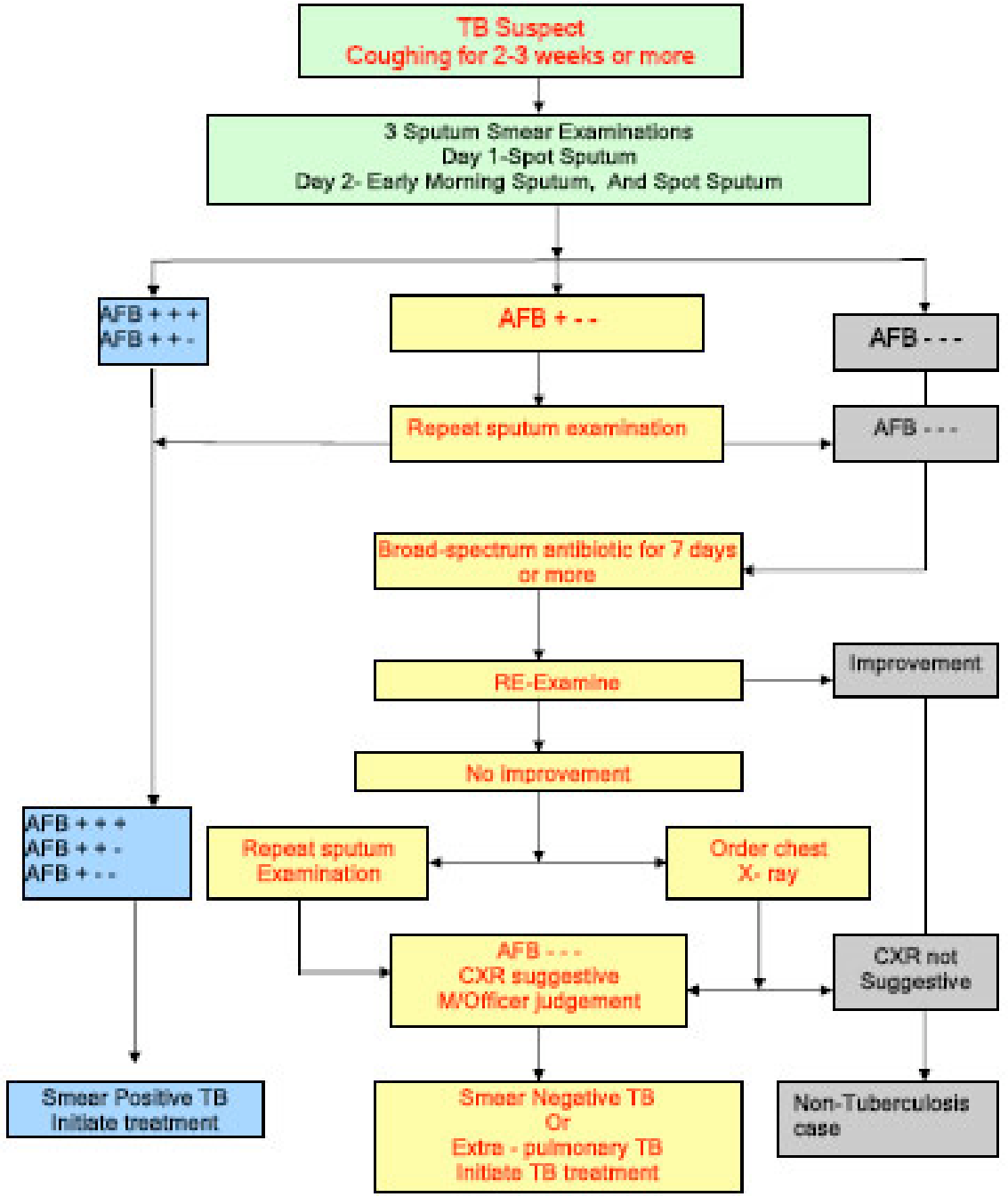


Tb in Tanzania

Tb rx in resource limited settings

- Diagnosis based on smear
- CXR only if smears negative
- WHO
  - 2HRZE > $4(HR)_3$ DOT or 6(HE) if no DOT
- Followup smears at 2, 5, and completion
- Failure = smear + at 5 mo > WHO rec susc testing

Tb eval in Tanzania



Tb in Tanzania

New sputum smear + pulmonary Tb New patients with severe EPTB	2RHZE/4RH
Relapse Treatment failure and Sputum smear positive return after default	2SRHZE/1RHZE/5$(RH)_3E_3$
New sputum smear negative and EPTB (less severe forms)	2RHZE/4RH
Chronic cases	No agreed regimen

Tb in Thailand

TB suspected cases

↓

CXR
Sputum AFB 3 days

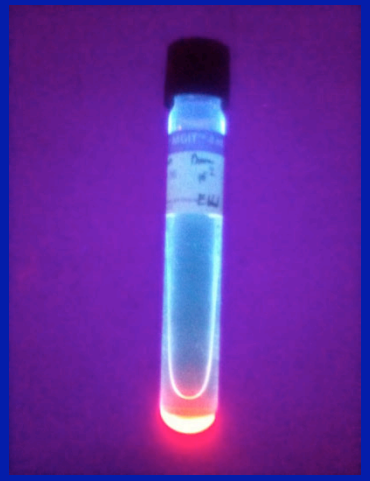
↓

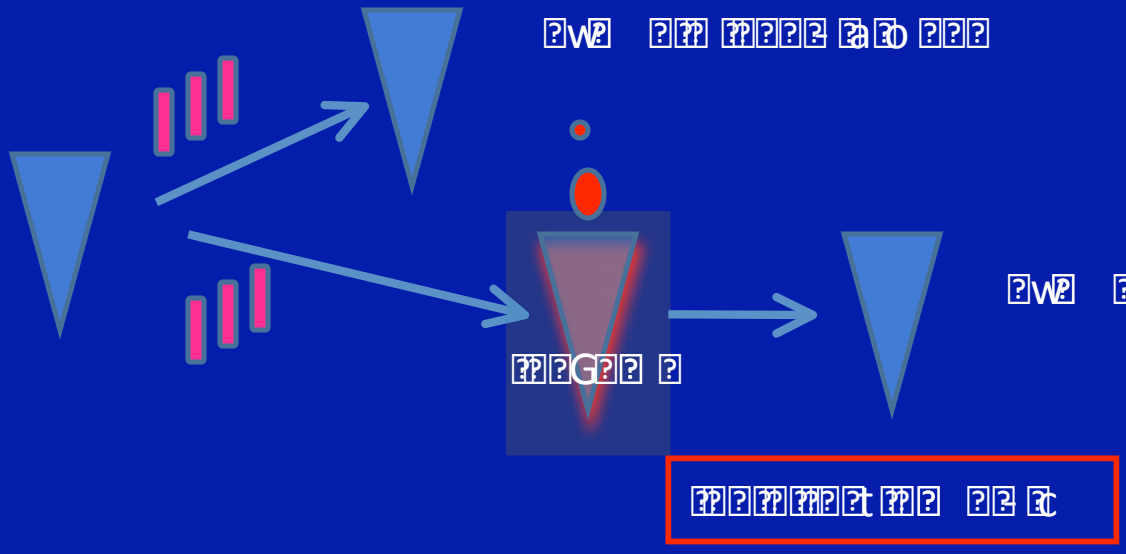
AFB + or CXR suspect→ Rx (2HRZE/4HR)

Sputum for culture/identification at 11 regional offices
All do 1st line DST
Some capable of 2nd line DST

Allows individualized rx for MDR

Tb in Thailand




Hypothesis: Drug resistance ~1. ?Virulent strain <2. Susceptible/wimpy strain > 4.